AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-4. Canceled.

5. (Currently Amended)   A miniaturized microtiter plate comprising:

a plastic body;

a glass base, the base of the microtiter plate having a thickness ranging from 0.07 to 0.2 mm;

a number of vessels for containing samples, wherein the number of vessels ranges from 1000 [[and]] to 4000 vessels, the diameter of the vessels ranges from 1.0 to 1.8 mm, and the distance between the center of the outer vessels and an edge of the glass base ranges from 4 to 11 mm; and

a lid to prevent evaporation.

6. (Previously Presented)   The miniaturized microtiter plate of claim 5, wherein the number of vessels ranges from 1400 to 2500, the diameter of the vessels ranges from 1.2 to 1.5 mm, and the thickness of the base ranges from 0.12 to 0.17 mm.

7. (Previously Presented)   The minaturized microtiter plate of claim 5, wherein there are 1536 vessels.

8. (Previously Presented)   The minaturized microtiter plate of claim 6, wherein there are 1536 vessels.

9. (Previously Presented)   The miniaturized microtiter plate of claim 5, wherein the thickness of the base is 0.15 mm.

10. (Previously Presented)   The miniaturized microtiter plate of claim 6, wherein the thickness of the base is 0.15 mm.

11. (Previously Presented)   The miniaturized microtiter plate of claim 8, wherein the thickness of the base is 0.15 mm.

12. (Previously Presented)   The miniaturized microtiter plate of claim 5, wherein the base is coated with a substance to suppress nonspecific binding.

13. (Previously Presented)   The miniaturized microtiter plate of claim 5, wherein the base is coated with a substance to encourage specific binding.